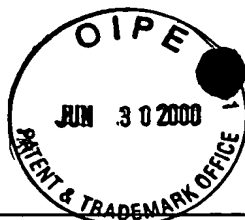



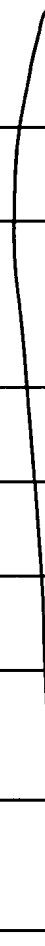




Form PTO-1449 Modified		Docket No. IBIS-0261	Serial No. 09/499,875
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Richard Griffey et al.	
U.S. Department of Commerce Patent and Trademark Office		Filing Date February 8, 2000	Group Not Yet Assigned
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
<i>TB</i>	AK	Cai, J. et al., "Capillary electrophoresis-mass spectrometry," <i>Jour. Of Chromatography</i> , 1995 , 703, 667-692	
	AL	Cheng, X. et al., "Direct measurement of oligonucleotide binding stoichiometry of gene V protein by mass spectrometry", <i>Proc. Natl. Acad. Sci USA</i> , 1996 , 93, 7022-7027	
	AM	Cheng, X. et al., "Using Electrospray Ionization FTICR Mass Spectrometry to Study Competitive Binding of Inhibitors to Carbonic Anhydrase," <i>J. Am. Chem. Soc.</i> , 1995 , 117, 8859-8860	
	AN	Cohen, S. L. et al., "Probing the solution structure of the DNA-binding protein Mas by a combination of proteolysis and mass spectrometry," <i>Protein Science</i> , 1995 , 4, 1088-1099	
	AO	Crain et al., "Applications of mass spectrometry to the characterization of oligonucleotides and nucleic acids", <i>Curr. Opin. Biootechnol.</i> , 1998 , 9, 25-34	
	AP	Doctycz, M. J. et al., "Accumulation and Storage of Ionized Duplex DNA Molecules in a Quadrupole Ion Trap," <i>Anal. Chem.</i> , 1994 , 66, 3416-3422	
	AQ	Ens et al., <i>New Methods for the Study of Biomolecular Complexes, Proceedings of the NATO Advanced Research Workshop</i> , held 16-20 June 1996, in Alberta, Canada, in NATO ASI Ser., Standing and Chernushevich (eds.), <i>Ser. C</i> , 1998 , 510, Kluwer, Dordrecht, Netherlands	
	AR	Feng, R. et al., "Analysis of Antibodies and Other Large Glycoproteins in the Mass Range of 150 00-200 000 Da by Electrospray Ionization Mass Spectrometry," <i>Anal. Chem.</i> , 1992 , 64, 2090-2095	
	AS	Fitzgerald, M. et al., "Probing the oligomeric structure of an enzyme by electrospray ionization time-of-flight mass spectrometry", <i>Proc. Natl. Acad. Sci. USA</i> , 1996 , 93, 6851-6856	
<i>TB</i>	AT	Gale, D. C. et al., "Observation of Duplex DNA-Drug Noncovalent Complexes by Electrospray Ionization Mass Spectrometry," <i>J. Am. Chem. Soc.</i> , 1994 , 6027-6028	
EXAMINER <i>[Signature]</i>		DATE CONSIDERED <i>9/2/00</i>	



Form PTO-1449 Modified		Docket No. IBIS-0261	Serial No. 09/499,875
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Richard Griffey et al.	
U.S. Department of Commerce Patent and Trademark Office		Filing Date February 8, 2000	Group Not Yet Assigned
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
<i>76</i>	AU	Ganem, B., "Detection of Oligonucleotide Duplex Forms by Ion-Spray Mass Spectrometry," <i>Tetrahedron Letts.</i> , 1993 , 34(9), 1445-1448	
	AV	Ganem, B., "Detecting Noncovalent Complexes of Biological Macromolecules: New Applications of Ion-Spray Mass Spectrometry," <i>Chemtracts-Organic Chemistry</i> , January/February, 1993 , 6, 1-22	
	AW	Ganguly et al., "Studies of the <i>Ras</i> -GDP and <i>Ras</i> -GTP Noncovalent Complexes by Electrospray Mass Spectrometry", <i>Tetrahedron</i> , 1993 , 49(36), 7985-7996	
	AX	Gao, J. et al., "Screening Derivatized Peptide Libraries for Tight Binding Inhibitors to Carbonic Anhydrase II by Electrospray Ionization-Mass Spectrometry," <i>J. Med. Chem.</i> , 1996 , 39, 1949-1955	
	AY	Goodlett, D. R. et al., "Direct Observation of a DNA Quadruplex by Electrospray Ionization Mass Spectrometry," <i>Biological Mass Spectrometry</i> , 1993 , 22, 181-183	
	AZ	Greig, M. J. et al., "Measurement of Macromolecular Binding Using Electrospray Mass Spectrometry. Determination of Dissociation Constants for Oligonucleotide-Serum Albumin Complexes," <i>J. Am. Chem. Soc.</i> , 1995 , 117, 10765-10766	
	BA	Griffey et al., "Detection of base pair mismatches in duplex DNA and RNA oligonucleotides using electrospray mass spectrometry", <i>Proc. SPIE-Int. Soc. Opt. Eng.</i> , 1997 , 2985, 82-86	
	BB	Henion, J. et al., "Mass Spectrometric Investigations of Drug-Receptor Interactions," <i>Therapeutic Drug Monitoring</i> , 1993 , 15, 563-569	
	BC	Hu, P. et al., "Determining Calcium-binding Stoichiometry and Cooperativity of Parvalbumin and Calmodulin by Mass Spectrometry," <i>Jour. Of Mass Spectrometry</i> , 1995 , 30, 1076-1082	
<i>76</i>	BD	Huang, E. et al., "LC/MS and LC/MS/MS Determination of Protein Tryptic Digests," <i>J. Am. Soc. Mass Spectrom.</i> , March /April 1990 , 1(2), 158-165	
EXAMINER <i>[Signature]</i>		DATE CONSIDERED <i>9/22/01</i>	



Form PTO-1449 Modified		Docket No. IBIS-0261	Serial No. 09/499,875
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Richard Griffey et al.	
U.S. Department of Commerce Patent and Trademark Office		Filing Date February 8, 2000	Group Not Yet Assigned
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	BE	Huang, E. C. et al., "Packed-Capillary Liquid Chromatography/Ion-Spray Tandem Mass Spectrometry Determination of Biomolecules," <i>Anal. Chem.</i> , 1991 , 63, 732-739	
	BF	Jensen, O. N. et al., "Direct Observation of UV-crosslinked Protein-Nucleic Acid Complexes by Matrix-assisted Laser Desorption Ionization Mass Spectrometry," <i>Rapid Communications in Mass Spectrometry</i> , 1993 , 7, 496-501	
	BG	Jensen et al., "Mass Spectrometric Characterization of UV-Crosslinked Protein-Nucleic Acid Complexes", <i>42nd ASMS Conf. On Mass Spectrom. and Allied Topics</i> , 1994 , 923	
	BH	Jorgensen et al., "Direct Determination of Solution Binding Constants for Noncovalent Complexes between Bacterial Cell Wall Peptide Analogues and Vancomycin Group Antibiotics by Electrospray Ionization Mass Spectrometry", <i>Anal. Chem.</i> , 1998 , 70, 4427-4432	
	BI	Lane, T. F. et al., "SPARC Is a Source of Copper-binding Peptides that Stimulate Angiogenesis," <i>J. Cell Biology</i> , May 1994 , 125(4), 929-943	
	BJ	Li, Y.T. et al., "Mass Spectrometric Studies on Noncovalent Dimers of Leucine Zipper Peptides," <i>J. Am. Chem. Soc.</i> , 1993 , 115, 8409-8413	
	BK	Light-Wahl, K. J. et al., "Observation of a Small Oligonucleotide Duplex by Electrospray Ionization Mass Spectrometry," <i>J. Am. Chem. Soc.</i> , 1993 , 115, 803-804	
	BL	Light-Wahl, K. J. et al., "Observation of the Noncovalent Quaternary Associations of Proteins by Electrospray Ionization Mass Spectrometry," <i>J. Am. Chem. Soc.</i> , 1994 , 116, 5271-5278	
	BM	Lim, H. et al., "Recognition of Cell-wall Peptide Ligands by Vancomycin Group Antibiotics: Studies Using Ion Spray Mass Spectrometry," <i>J. Mass Spectrometry</i> , 1995 , 30, 708-714	
	BN	Little, D.P. et al., "Verification of 50- to 100-mer DNA and RNA sequences with high-resolution mass spectrometry," <i>Proc. Natl. Acad. Sci. USA</i> , March 1995 , 92, 2318-2322	
EXAMINER 		DATE CONSIDERED 8/22/01	



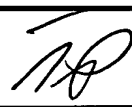


Form PTO-1449 Modified		Docket No. IBIS-0261	Serial No. 09/499,875
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Richard Griffey et al.	
U.S. Department of Commerce Patent and Trademark Office		Filing Date February 8, 2000	Group Not Yet Assigned
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	BO	Loo, J. A., "Studying Noncovalent Protein Complexes by Electrospray Ionization Mass Spectrometry", <i>Mass Spectrometry Reviews</i> , 1997 , 16, 1-23	
	BP	Loo, J.A. et al., "Use of Electrospray Ionization Mass Spectrometry to Probe Antisense Peptide Interactions," <i>Biological Mass Spectrometry</i> , 1994 , 23, 6-12	
	BQ	Loo, J.A. et al., "Interaction of Angiotensin Peptides and Zinc Metal Ions Probed by Electrospray Ionization Mass Spectrometry," <i>J. Am. Soc. Mass Spectrom.</i> , Nov. 1994 , 5(11), 959-965	
	BR	Loo, J. A., "Bioanalytical Mass Spectrometry: Many Flavors to Choose," <i>Bioconjugate Chem.</i> , 1995 , 6, 644-665	
	BS	Loo, J.A., "Observation of Large Subunit Protein Complexes by Electrospray Ionization Mass Spectrometry," <i>J. Mass Spectrometry</i> , 1995 , 30, 180-183	
	BT	Loo, J.A. et al., Proc. 43 rd ASMS Conf. on Mass Spectrom. and Allied Topics, 1995	
	BU	Marshall, A.G. et al., "Fourier Transform Ion Cyclotron Resonance Mass Spectrometry: The Teenage Years," <i>Anal. Chem.</i> , 1991 , 63(4), 215A-229A	
	BV	Marshall et al., "Fourier Transform Ion Cyclotron Resonance Mass Spectrometry: A Primer", <i>Mass Spectrom. Rev.</i> , 1998 , 17, 1-35	
	BW	Nelson, R. W. et al., "Mass Determination of Human Immunoglobulin IgM Using Matrix-assisted Laser Desorption/Ionization Time-of-flight Mass Spectrometry," <i>Rapid Communications in Mass Spectrometry</i> , 1994 , 8, 627-631	
	BX	Shuker, S. B. et al., <i>Science</i> , 1996 , 274, 5252, 1531	
EXAMINER		DATE CONSIDERED	



Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Docket No. IBIS-0261	Serial No. 09/499,875
		Applicant Richard Griffey et al.	
		Filing Date February 8, 2000	Group Not Yet Assigned
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	BY	Skoog, D.A. et al., "The Mass Spectrometer," in <i>Principles of Instrumental Analysis</i> , Second Edition, Saunders College, Philadelphia, PA, 1980 , 477-499	
	BZ	Smith, R.D. et al., "The Observation of Non-covalent Interactions in Solution by Electrospray Ionization Mass Spectrometry: Promise, Pitfalls and Prognosis," <i>Biological Mass Spectrometry</i> , 1993 , 22, 493-501	
	CA	Smith et al., "New mass spectrometric methods for the study of noncovalent associations of biopolymers", <i>Chem. Soc. Rev.</i> , 1997 , 26, 191-202	
	CB	Winger, B.E. et al., "High-Resolution Accurate Mass Measurements of Biomolecules Using a New Electrospray Ionization Ion Cyclotron Resonance Mass Spectrometer," <i>J. Am. Soc. Mass Spectrom.</i> , July 1993, 4(7), 566-577	
	CC	Witkowska, H. E. et al., "Mass Spectrometric Analysis of a Native Zinc-Finger Structure: The Glucocorticoid Receptor DNA Binding Domain," <i>J. Am. Chem. Soc.</i> , 1995 , 117(12), 3319-3324	
EXAMINER		DATE CONSIDERED 8/02/07	







Sheet 1 of 6

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Docket No. IBIS-0261	Serial No. 09/499,875
		Applicant Richard Griffey et al.	
		Filing Date February 8, 2000	Group Not Yet Assigned
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	AA	Amster, I. J., "Fourier Transform Mass Spectrometry," <i>Jour. Of Mass Spectrometry</i> , 1996, 31, 1325-1337	
	AB	Anderegg, R. J. et al., "Mass Spectrometric Characterization of a Protein-Ligand Interaction," <i>J. Am. Chem. Soc.</i> , 1995, 117, 1374-1377	
	AC	Baca, M. et al., "Direct Observation of a Ternary Complex between the Dimeric Enzyme HIV-1 Protease and a Substrate-Based Inhibitor," <i>J. Am. Chem. Soc.</i> , 1992, 114, 3992-3993	
	AD	Baczynskij et al., "Application of Thermally Assisted Electrospray Ionization Mass Spectrometry for Detection of Noncovalent Complexes of Bovine Serum Albumin with Growth Hormone Releasing Factor and Other Biologically Active Peptides," <i>Rapid Communications in Mass Spectrometry</i> , 1994, 8, 280-286	
	AE	Bayer, E. et al., "Analysis of Double-Stranded Oligonucleotides by Electrospray Mass Spectrometry," <i>Anal. Chem.</i> , 1994, 66, 3858-3863	
	AF	Biemann, K., "Mass Spectrometry of Peptides and Proteins," <i>Ann. Rev. Biochem.</i> , 1992, 61, 977-1010	
	AG	Bowers, M.T. et al., "Mass Spectrometry: Recent Advances and Future Directions," <i>J. Phys. Chem.</i> , 1996, 100, 12897-12910	
	AH	Bruins, A. P. et al., "Ion Spray Interface for Combined Liquid Chromatography/Atmospheric Pressure Ionization Mass Spectrometry," <i>Anal. Chem.</i> , 1987, 59, 2642-2646	
	AI	Burlingame, A.L. et al., "Mass Spectrometry," <i>Anal. Chem.</i> , 1998, 70, 647R-716R	
	AJ	Busman, M. et al., "Observation of Large Multimers in the Electrospray Ionization Mass Spectrometry of Peptides," <i>Rapid Communications in Mass Spectrometry</i> , 1994, 8, 211-216	
EXAMINER 		DATE CONSIDERED 2/22/01	



RECEIVED
JUL 05 2001
TECH CENTER 1600/2900
Sheet 1 of 1

Form PTO-1449 Modified		Docket No. IBIS-0261	Serial No. 09/499,875
List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Applicant Richard Griffey, et al.	
		Filing Date February 8, 2000	Group 1627
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	AA	Dunayevskly, Y.M., et al., "Simultaneous measurement of nineteen binding constants of peptides to vancomycin using affinity capillary electrophoresis-mass spectrometry," <i>J. Med. Chem.</i> , 1998 , <i>41</i> , 1201-1204	
	AB	Griffey, R.H., et al., "Determinants of aninoglycoside-binding specificity for rRNA by using mass spectrometry," <i>Proc. Natl. Acad. Sci. USA</i> , 1999 , <i>96</i> , 10129-10133	
	AC	Kempen, E.C., et al., "A method for the determination of binding constants by electrospray ionization mass spectrometry," <i>Anal. Chem.</i> , 2000 , <i>72</i> , 5411-5416	
EXAMINER			DATE CONSIDERED 2/22/01